

What is claimed:

1. A cyclonic vacuum cleaner which comprises:

a cleaner body with a fan unit;

a vacuum tube having a suction hole at a distal end thereof;

a dust collection container which is approximately cylinder-shaped,  
having a bottom;

an attachment portion for detachably attaching said dust collection  
container, said attachment portion being mounted to the cleaner body or to the  
vacuum tube;

a first air path extending from said suction hole to said attachment  
portion in a manner capable of communicating with said dust collection container;

a second air path extending from said attachment portion to said fan unit,  
communicating with said dust collection container, wherein:

a vortex flow generating member for generating a vortex flow in said dust  
collection container is provided in an opening of said dust collection container,  
said vortex flow generating member comprising:

a base which is formed into a shape of a short cylinder or a truncated cone;

an airflow guide provided on a side surface of said base;

a first vent hole provided at an end of said base;

a second vent hole provided at another side surface of said base; and

a filter provided in each of said first and second vent holes.

2. A cyclonic vacuum cleaner according to claim 1, wherein a skirt portion  
is provided around a periphery of said first vent hole.

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3. A cyclonic vacuum cleaner according to claim 1, wherein said vortex flow  
generating member further comprises a flange portion resting on a plurality of  
ribs formed on an inside surface of the opening of said dust collection container;  
and an inclined guide provided between said flange portion and a bottom of said  
5 airflow guide.

4. A cyclonic vacuum cleaner according to claim 2, wherein said vortex  
flow generating member further comprises a flange portion resting on a plurality  
of ribs formed on an inside surface of the opening of said dust collection container;  
and an inclined guide provided between the flange portion and a bottom of said  
10 airflow guide.

5. A cyclonic vacuum cleaner according to claim 1, wherein a filter member  
including a sack-like filter is provided above said vortex flow generating member.

6. A cyclonic vacuum cleaner according to claim 2, wherein a filter member  
including a sack-like filter is provided above said vortex flow generating member.

7. A cyclonic vacuum cleaner according to claim 3, wherein a filter member  
20 including a sack-like filter is provided above said vortex flow generating member.

8. A cyclonic vacuum cleaner according to claim 4, wherein a filter member  
including a sack-like filter is provided above said vortex flow generating member.

25 9 A cyclonic vacuum cleaner according to claim 5, wherein said filter  
member comprises a frame made of soft resin.

10. A cyclonic vacuum cleaner according to claim 6, wherein said filter member comprises a frame made of soft resin.

11. A cyclonic vacuum cleaner according to claim 7, wherein said filter member comprises a frame made of soft resin.

12. A cyclonic vacuum cleaner according to claim 8, wherein said frame is brought into close contact with the opening of said dust collection container.

13. A cyclonic vacuum cleaner according to claim 9, wherein said frame is brought into close contact with the opening of said dust collection container.

14. A cyclonic vacuum cleaner according to claim 10, wherein said frame is brought into close contact with the opening of said dust collection container.